

DAILY INSPECTION REPORT

REPORT #SWI003 OAK CREEK 150K TANK 3 - 20230424-6, APPROVED
OAK CREEK 150K TANK 3, OAK CREEK, ARIZONA, UNITED STATES



Started: 04/24/2023, 9:04 PM MST - Location: 33.48,-112.03

Submitted: 04/24/2023, 9:49 PM MST - Location: 33.48,-112.03

Approved: 04/25/2023, 3:26 AM MST

GENERAL

Report Date: 04/24/2023, MST

Description of Items and/or Areas of Work: Exterior coating inspection

PRE-WORK SURFACE CONDITIONS

Substrate: Steel



Photo Description:

60K West Tank - Exterior

PPG Pitthane Ultra - Light Green PC 773

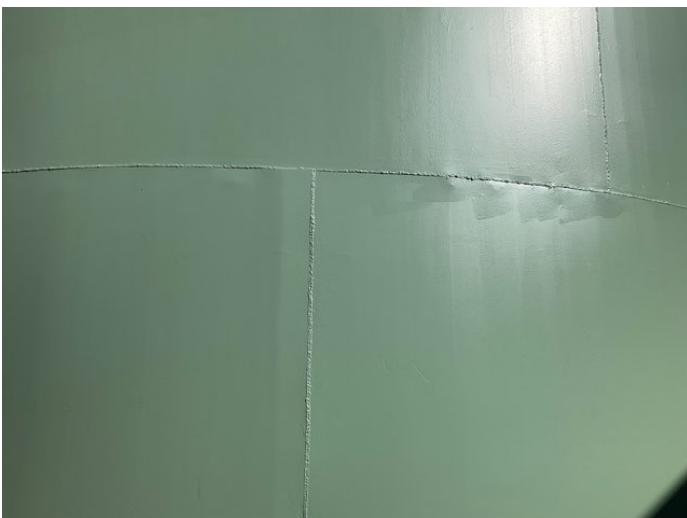


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60K West Tank - Exterior

PPG Pitthane Ultra - Light Green PC 773



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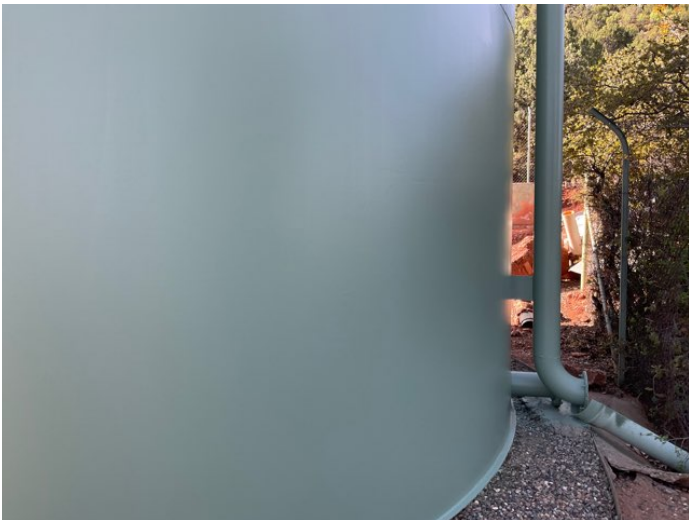


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Photo Description:

150K Tank -Exterior

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60K East Tank -Exterior

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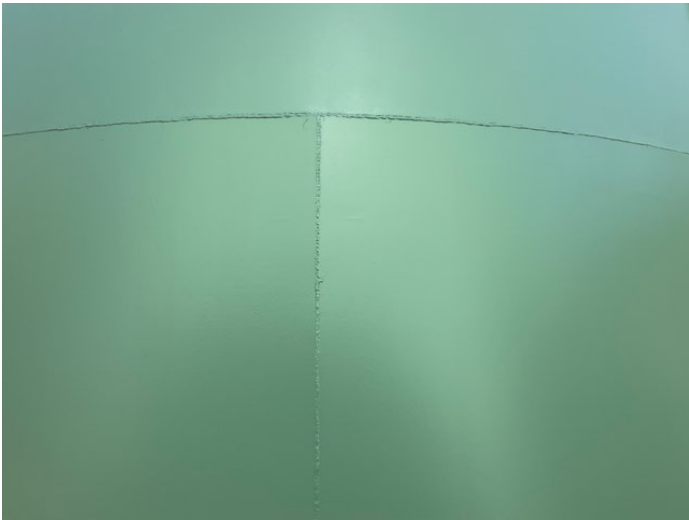


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PPG Pitthane Ultra - Light Green PC 773

ENVIRONMENTAL CONDITIONS



Photo Description:

Temperature 72.1°



Photo Description:

Relative Humidity 24.3%



Photo Description:

Dew Point 34.0°



Photo Description:

Surface Temperature 88.2°

PAINTED SURFACE CONDITION



Photo Description:

Exterior Roof (3) - Prime tie-coat PPG Amerlock 2

Photos supplied by STS



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Photos supplied by STS

PRODUCT / MIXING



Photo Description:

PPG Pitthane Ultra - Part A



Photo Description:

Product Batch Number 9140238518



Photo Description:

PPG Pitthane Ultra - Part B

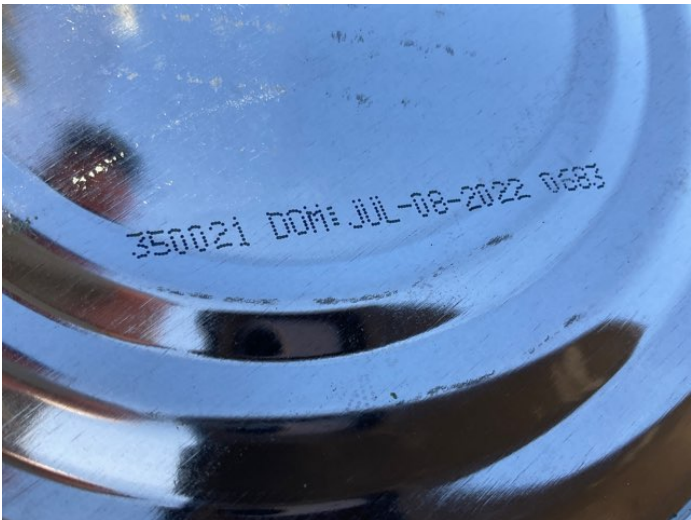


Photo Description:

Product Batch Number 350021

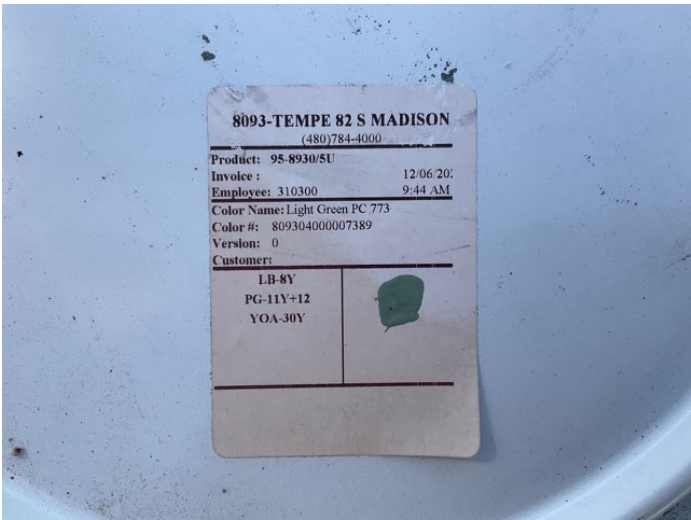


Photo Description:

Color Name -Light Green PC773

WET/ DRY FILM THICKNESS

MIX

Coating: PPG Pitthane Ultra - Light Green PC 773
Location: 60K East Tank
Range Achieved (min): 8.14 mils
Range Achieved (max): 17.9 mils

AREA

Spot Reading 1	Spot Reading 2	Spot Reading 3	Total	Average
11.19 mils	13.5 mils	9.47 mils	34.16 mils	11.39 mils
12.52 mils	10.45 mils	10.2 mils	33.17 mils	11.06 mils
8.75 mils	9.7 mils	15.66 mils	34.11 mils	11.37 mils
13.02 mils	8.14 mils	17.9 mils	39.06 mils	13.02 mils
17.47 mils	8.32 mils	8.55 mils	34.34 mils	11.45 mils
Area Total			174.84 mils	11.66 mils
Total			174.84 mils	11.66 mils

MIX

Coating: PPG Pitthane Ultra - Light Green PC 773
Location: 150K Tank
Range Achieved (min): 6.4 mils
Range Achieved (max): 14.63 mils

AREA

Spot Reading 1	Spot Reading 2	Spot Reading 3	Total	Average
7.44 mils	7.27 mils	6.4 mils	21.11 mils	7.04 mils
7.4 mils	10.12 mils	7.41 mils	24.93 mils	8.31 mils
8.71 mils	8.87 mils	7.94 mils	25.52 mils	8.51 mils
10.15 mils	10.67 mils	8.57 mils	29.39 mils	9.8 mils
9.24 mils	9.12 mils	9.15 mils	27.51 mils	9.17 mils
Area Total			128.46 mils	8.56 mils

AREA

Spot Reading 1	Spot Reading 2	Spot Reading 3	Total	Average
14.63 mils	6.7 mils	7.1 mils	28.43 mils	9.48 mils
10.08 mils	10.19 mils	7.28 mils	27.55 mils	9.18 mils
9.66 mils	14 mils	8 mils	31.66 mils	10.55 mils
10.52 mils	11.01 mils	8.63 mils	30.16 mils	10.05 mils
9.28 mils	8.47 mils	8.99 mils	26.74 mils	8.91 mils
Area Total			144.54 mils	9.64 mils
Total			273 mils	9.1 mils

MIX

Coating: PPG Pitthane
Ultra - Light Green PC
773

Location: 60K West Tank

Range Achieved (min):
9.4 mils

Range Achieved (max):
13.16 mils

AREA

Spot Reading 1	Spot Reading 2	Spot Reading 3	Total	Average
11 mils	11.58 mils	11.39 mils	33.97 mils	11.32 mils
10.88 mils	9.4 mils	9.77 mils	30.05 mils	10.02 mils

11.82 mils	13.16 mils	10.6 mils	35.58 mils	11.86 mils
11.82 mils	12.21 mils	9.66 mils	33.69 mils	11.23 mils
9.61 mils	11.23 mils	10.99 mils	31.83 mils	10.61 mils
Area Total			165.12 mils	11.01 mils
Total			165.12 mils	11.01 mils



Photo Description:

60K East Tank - Dry Film Thickness Measurement

DeFelsko Positector 6000



Photo Description:

60K East Tank - Dry Film Thickness Measurement

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150K Tank - Dry Film Thickness Measurement

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NON-CONFORMING ITEMS



Photo Description:

Missed area of top coat

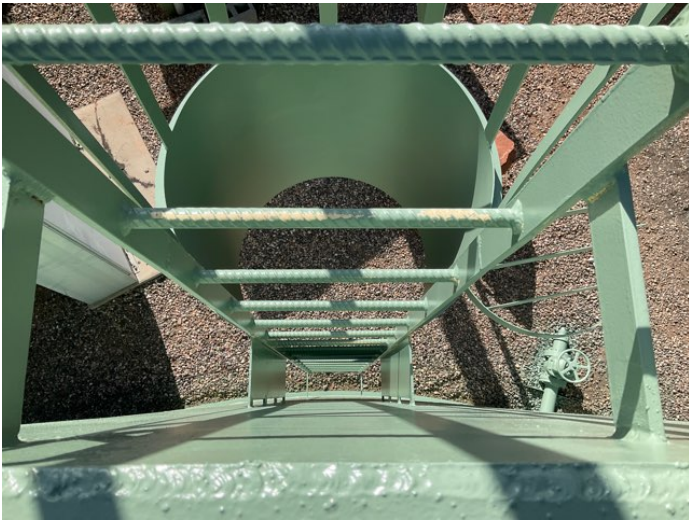


Photo Description:

Missed area of top coat



Photo Description:

Coating repairs in process



Photo Description:

Completed coating repair

INSTRUMENT HISTORY SHEET



Photo Description:

Kestrel 5000- environmental conditions gauge
S/N 132967



Photo Description:

DeFelsko Positector 6000- SN#22897



Photo Description:

Fluke 62 MAX- SN#013005002

REMARKS AND SIGNATURES

Remarks:

A coating inspection was conducted on the exterior tank. The exterior was completed using PPG Pitthane, color Light Green. Coating aesthetics were found to be acceptable with a very uniform appearance. Dry film thickness measurements were conducted using a Positector 6000 calibrated to National standards (NIST). Minor touch up repairs were identified. Coating repairs were completed at the time of inspection. Product batch numbers for the exterior coating system were documented. Environmental conditions were documented for the date.

SIGNATURES

Name: Frank Rowland
Type:
Date: 04/24/2023, 9:49
PM MST

DAILY INSPECTION REPORT APPROVAL SIGNATURES

Name: Chad Kauffman
Date: 04/25/2023, 3:26 AM MST
Next Inspection Date: N/A
Comment: N/A